

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/045867 A1

(51) International Patent Classification⁷: **H01H 13/702**,
13/705, H05K 1/16, H01R 12/00

(21) International Application Number:
PCT/AU2004/001525

(22) International Filing Date:
5 November 2004 (05.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906115 6 November 2003 (06.11.2003) AU

(71) Applicant and

(72) Inventor: **SJOSTROM, Philip, Adrian** [AU/AU]; 12
Krieg Street, Nuriootpa, South Australia 5355 (AU).

(74) Agent: **MADDERNS**; 1st Floor, 64 Hindmarsh Square,
Adelaide, South Australia 5000 (AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

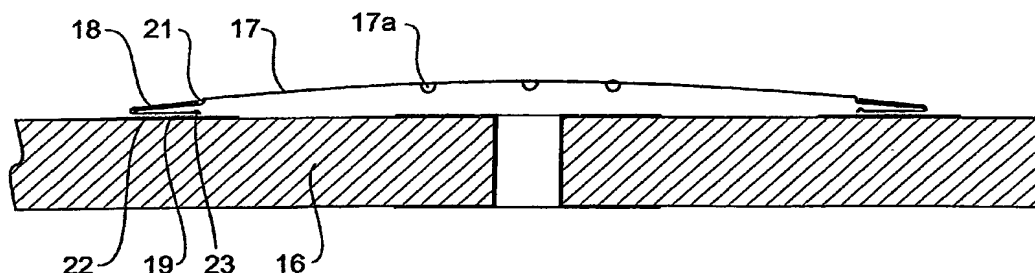
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SWITCH ELEMENT



(57) Abstract: A switch element for surface mounting onto a printed circuit board which has a bearer element (2) and a contact element (1). Both the bearer element and the contact element are formed from an electrically conductive material and the contact element being formed from a resilient material. The bearer element and the contact element can be of an integral construction or are separate components assembled together. By this construction the bearer element comprises a peripheral retainer for the contact element. In one arrangement the bearer element has an inwardly facing C-shaped cross sectional shape to provide a recess to act as a peripheral retainer for the contact element by receiving at least a portion of the rim of the contact element in the C-shaped member recess.

WO 2005/045867 A1